

**ACE - Alliance for Curriculum Enhancement
Shepherd Elementary—Prime Applicant District**

Partner Districts: Boyd Elementary, Bridger K-12, Edgar Elementary, Fromberg Elementary, Fromberg High School, Harolwton High School, Lavina K-12, Melville Elementary, Pryor Elementary, Plenty Coups High School, Rapelje Elementary

Project Director: Liz Cunningham

University Mentor(s): MSU-Bozeman Teacher Education Program—Dr. Joan Cook

Mentor(s) at Large: T.E.S.T., Northern Rockies Education Services

Internal Evaluator: Dr. Changhua Wang—Northwest Regional Education Laboratory

External Evaluator: Gary Graves, Northwest Regional Education Laboratory

Abstract: Ace Technology Consortium has twelve schools partnering to facilitate collaboration and coordination to effectively integrate current technology and research-based instructional methods into their classrooms. It is designed to develop and implement quality on-going professional development to support teachers in restructuring their teaching methods to embed technology, provide continuing evaluation of new pedagogical approaches, and experiment with new technologies and student enrichment materials while focusing on improving student achievement in reading and mathematics. The project will focus on sustainable professional development using Intel Teach to the Future training along with instructional immersion in technology systems. Northern Rockies Educational Services (NRES), Montana State University-Bozeman and Alliance for Curriculum Enhancement will provide Technology Proficient Mentors who will train and support “Master Trainers” from each school. Total Educational Solutions in Technology (T.E.S.T.) will provide a Technology Integration Mentor that will travel to the schools monthly to work with teachers. Master Trainers (M.T.’s) from each consortium school will receive extensive and broad technology training to enhance their technology skills, strengthen their mentoring capabilities, and identify effective best practices models in technology integration. This will be accomplished through a 40 hour Intel Teach to the Future training course in the summer, followed by on-site trainings, regional cohort meetings, and ongoing support in person and online. The M.T.’s will then provide the Intel training throughout their schools with support of the Technology Integration Mentor.

ACE Technology Consortium will host Grade Level/Subject Specific Lesson Development workshops for all teachers completing the Intel Training. This will give teachers the opportunity to network with teachers from other schools while further developing technology rich lessons to be used in the classroom. This lesson will be published to a website creating a virtual teacher resource center that will benefit all teachers in Montana.



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